

CLAIMS

1. A digital receiving apparatus comprising:

information separating means for reproducing a stream of
5 demodulation signal, and separating it into stream signals on
multiplexed respective channels for output;

decoding means for decoding and outputting said stream signals;
and

control means for switching and controlling a stream signal
10 for the decoding means to decode out of the stream signals on said
respective channels,

wherein said control means switches to the stream signal on
another channel and makes said decoding means decode it when physical
information for indicating reception quality during reception and
15 a data type of the stream signal on the channel selected out of
said channels do not conform to a predetermined relationship.

2. The digital receiving apparatus according to claim 1, wherein
the stream signal on said another channel is a stream signal of
20 a data type different from the data type of the stream signal on
said selected channel.

3. The digital receiving apparatus according to claim 1 or 2,
wherein the stream signal on said another channel has a data type
25 conforming to a predetermined relationship with said physical
information during reception.

4. The digital receiving apparatus according to claim 1 or 2,
wherein said physical information is a bit error rate.

5. The digital receiving apparatus according to claim 1 or 2,
5 further comprising

storing means for storing matching information for indicating
matching relationship between said physical information and the
data types of the stream signals on the respective channels,
wherein

10 said control means determines the matching relationship
between said physical information during reception and the data
type of the stream signal on said selected channel based on said
matching information.

15 6. The digital receiving apparatus according to claim 5, wherein
if said control means determines that said physical information
during reception and the data type of the stream signal of said
selected channel do not conform to a predetermined relationship,
the control means searches for a stream signal on said another channel,
20 having a data type conforming to the predetermined relationship
with said physical information during reception, based on said
matching information, and switches to the stream signal on said
different channel based on the search result.

25 7. A method of reception of a digital receiving apparatus having:
information separating means for reproducing a stream of
demodulation signal, and separating it into stream signals on

multiplexed respective channels for output; and decoding means for decoding and outputting said stream signals,

the method comprising a control step of switching to the stream signal on another channel and makes said decoding means decode it when physical information for indicating reception quality during reception and a data type of the stream signal on the channel selected out of said channels do not conform to a predetermined relationship.

8. A computer program to be executed by a computer arranged in a digital receiving apparatus having: information separating means for reproducing a stream of demodulation signal, and separating it into stream signals on multiplexed respective channels for output; and decoding means for decoding and outputting said stream signals,

the computer program comprising a control step of switching to the stream signal on another channel and makes the decoding means decode it when physical information for indicating reception quality during reception and a data type of the stream signal on the channel selected out of said channels do not conform to a predetermined relationship.

9. A recording medium containing the computer program according to claim 8.